



CGM CIGIEMME S.p.A.

Controlli Non Distruttivi - Non Destructive Testing



Product Code
02098141

Ref.
D91

**Product Data
Sheet**

DETERGENT TYPE CLEAN 91 IA

PRODUCT DESCRIPTION

CLEAN 91 IA is an amber-coloured, slightly alkaline liquid detergent.

COMPOSITION

A water-based mixture of organic components with low basicity.

N.B.: Like all CGM materials, CLEAN 91 IA Detergent is tightly controlled to ensure batch uniformity, optimal process verification and control reliability.

PACKAGING TYPE

- 25 L cans

APPLICATIONS

Preferably in an ultrasonic cleaning bath. Suitable for polished articles of brass and zinc alloys, copper

and its alloys, precious metals and light alloys. The areas of use are many. Particularly useful in cases where, due to complicated workpieces or small cavities, any detergent residues may compromise the workpiece.

IMPORTANT: Some aluminium alloys undergo slight oxidation.

INSTRUCTIONS FOR USE

Operate at the optimum temperature of 50°C with a concentration of 1-3%.

BENEFITS

- Useful for light contamination of polishing pastes, oils and greases.
- Extremely gentle cleaning action.
- Good behaviour on all materials.
- The product is over 90% biodegradable.

PRODUCT PROPERTIES

	CLEAN 19 AI	CLEAN 91 IA	149
Appearance	Amber liquid	Amber liquid	Colourless liquid
Odour	Slightly ammoniacal	Characteristic	Characteristic
pH	(Sol. at 2%) 7.5 ± 0.5	(Water sol. 2%) 8.2 ± 0.5	(Water sol. 2%) 6.2 ± 0.5

Typical values.



CGM CIGIEMME S.p.A.

Via Adda, 21 - 20073 Opera (MI) Italy - Tel.: +39 02 57.600.400 - Fax: +39 02 57.603.618

Web: www.cgm-cigiemme.com - Mail: cgm@cm-cigiemme.it

N. Registro Imprese, C.F. e P.I.: 05732470967 - N. REA: Mi -1843908 - Capitale Sociale: EURO 500.000.00 I.V.

Informativa ex art. 13 D.Lgs 196/2003 e art. 13 del Reg. UE 2016/679 disponibile sul sito www.cgm-cigiemme.com, sezione "privacy policy"





CGM CIGIEMME S.p.A.

Controlli Non Distruttivi - Non Destructive Testing



RECOMMENDATIONS FOR THE USER

NDT method	Liquid penetrant inspection
Shelf life	3 years at a temperature between 5°C and 45°C, in a dry place out of direct sunlight
Concentration of use	From 1 to 3%
Usage temperature	Up to 55°C
Systems	Ultrasonic cleaning bath

HEALTH AND SAFETY

Read all health and safety information before using this product. This information can be found in the Safety Data Sheet, available on request.

Rev. 01 – 08/07/2026



CGM CIGIEMME S.p.A.

Via Adda, 21 - 20073 Opera (MI) Italy - Tel.: +39 02 57.600.400 - Fax: +39 02 57.603.618

Web: www.cgm-cigiemme.com - Mail: cgm@cgm-cigiemme.it

N. Registro Imprese, C.F. e P.I.: 05732470967 - N. REA: Mi -1843908 - Capitale Sociale: EURO 500.000.00 I.V.

Informativa ex art. 13 D.Lgs 196/2003 e art. 13 del Reg. UE 2016/679 disponibile sul sito www.cgm-cigiemme.com, sezione "privacy policy"

